HOLLANDS VISES

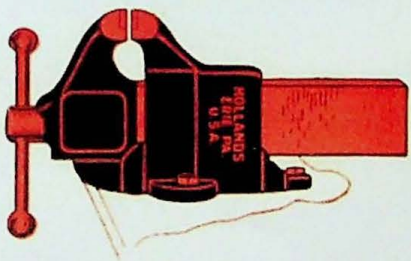


1931
C13E

Hollands

Vises *and* Tools

CATALOG No. 26



Hollands Manufacturing Co.
Erie, Pa., U. S. A.
Established 1887

INTRODUCTORY

We take pleasure in presenting herewith our catalog Number 26, illustrating our complete lines of **Hollands Vises and Tools.**

For nearly forty years it has been our constant aim to produce Vises that possess the combined properties of rigidity, strength and durability. The fact that our Vises are used exclusively by many of the leading railway and industrial shops, is the best evidence that they meet the demands of the trade.

The Vise Jaws are made of high grade steel of special analysis, securely welded to the body of the Vise. This insures a jaw that will stand hard usage over a long period of service without becoming loose. The faces of the jaws are milled with cross corrugations.

Guarantee:—Every **Hollands** Vise and Tool is guaranteed to be free from defects in material and workmanship.

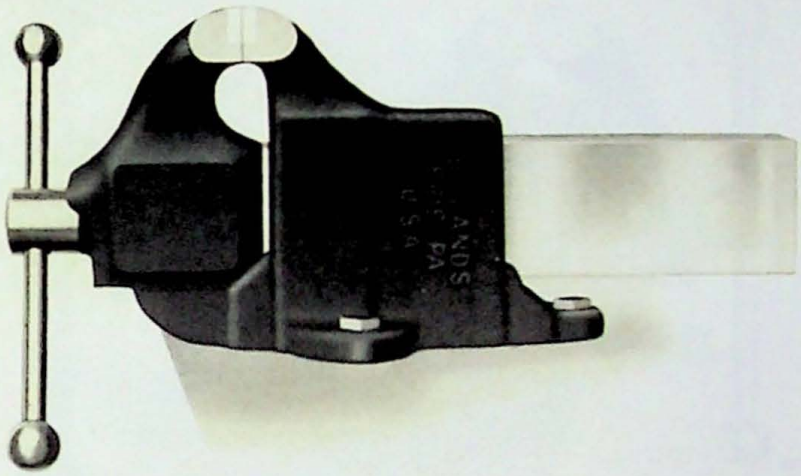
Terms:—Unless otherwise specified, our terms are 30 days; 2 per cent. 10 days, F.O.B. Erie, Pennsylvania. This catalog edition cancels all previous issues.

HOLLANDS MANUFACTURING CO.

ERIE, PA., U. S. A.

Established 1887

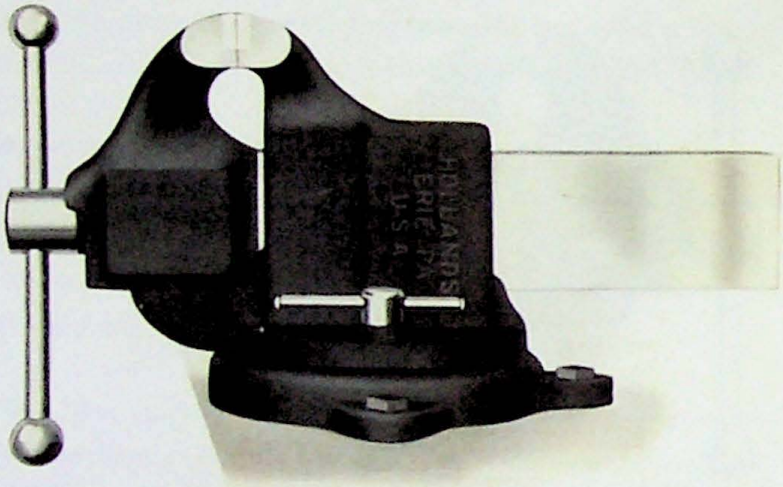
MACHINISTS' SOLID JAW VISE



STATIONARY BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Depth Inches	Weight Pounds	List Price Each
12½	2½	3½	2⅜	15	$ 9.00
13	3	4½	2¾	22	10.00
13½	3½	5	3⅛	30	11.25
14	4	6	3⅜	44	12.75
14½	4½	7	3⅝	60	15.50
15	5	8	3⅞	75	20.00
15½	5½	9	4⅜	105	30.00
16	6	10½	5¼	144	39.00
17	7	12	5⅝	190	55.00
18	8	12½	6	240	75.00
19	9	13	6⅛	260	90.00

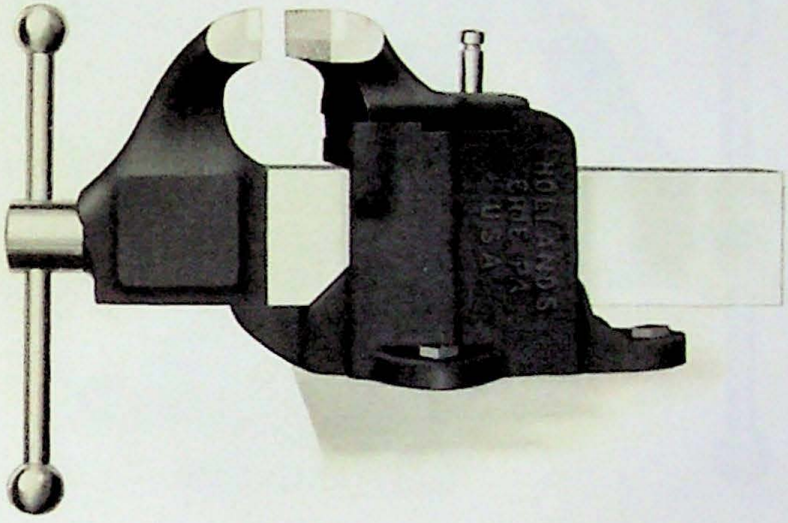
MACHINISTS' SOLID JAW VISE



SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Depth Inches	Weight Pounds	List Price Each
22½	2½	3½	2⅜	20	**$ 12.00**
23	3	4½	2¾	30	**13.00**
23½	3½	5	3⅛	37	**15.00**
24	4	6	3⅜	54	**17.00**
24½	4½	7	3⅝	75	**20.00**
25	5	8	3⅞	90	**30.00**
25½	5½	9	4⅜	120	**38.00**
26	6	10½	5¼	180	**52.00**
27	7	12	5⅝	215	**70.00**
28	8	12½	6	290	**98.00**
29	9	13	6⅛	340	**115.00**

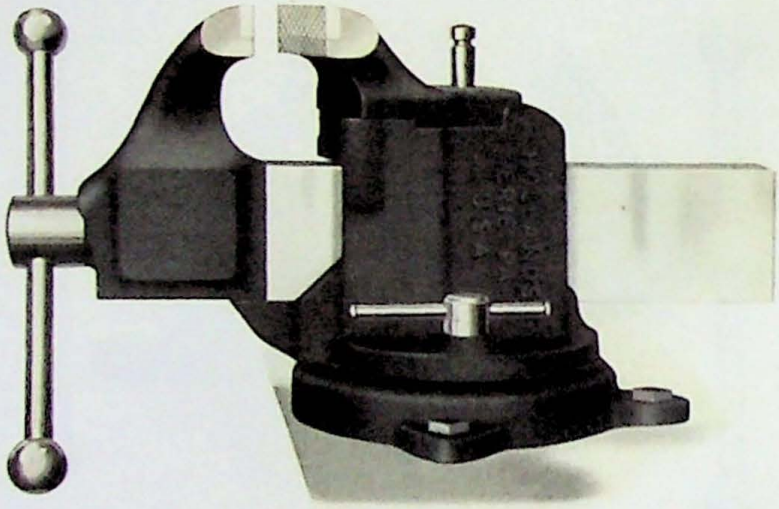
MACHINISTS' SWIVEL JAW VISE



STATIONARY BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Depth Inches	Weight Pounds	List Price Each
32½	2½	3½	2⅞	15	**$13.50**
33	3	3¾	3	25	**15.00**
33½	3½	4½	3½	32	**16.00**
34	4	5¾	4	55	**19.00**
34½	4½	7¼	4¼	64	**22.00**
35	5	7¾	4⅝	90	**28.00**
35½	5½	8¼	5	110	**35.00**
36	6	11¼	5¼	150	**50.00**
37	7	12½	6¼	200	**65.00**
38	8	13	7	280	**90.00**

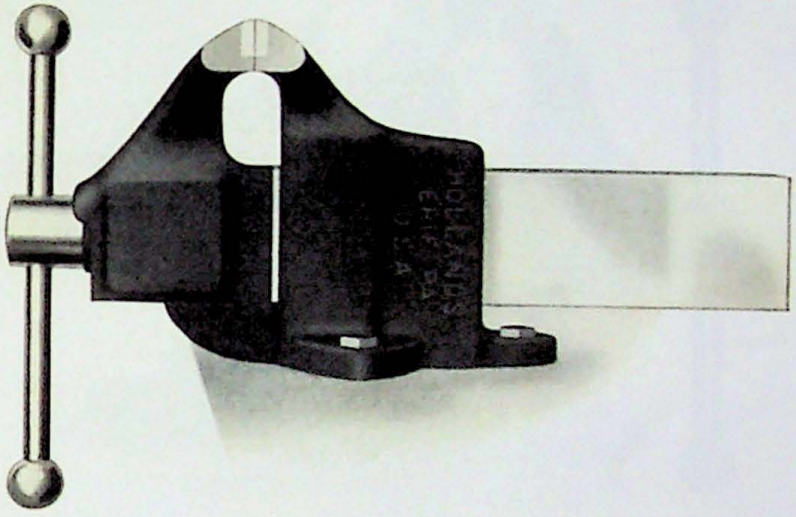
MACHINISTS' SWIVEL JAW VISE



SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Depth Inches	Weight Pounds	List Price Each
42½	2½	3½	2⅞	20	$ 16.00
43	3	3¾	3	36	17.50
43½	3½	4½	3½	46	20.00
44	4	5¾	4	62	24.00
44½	4½	7¼	4¼	76	28.00
45	5	7¾	4⅝	95	35.00
45½	5½	8¼	5	126	44.00
46	6	11¼	5¼	170	60.00
47	7	12½	6¼	220	75.00
48	8	13	7	300	105.00

FILERS' VISE



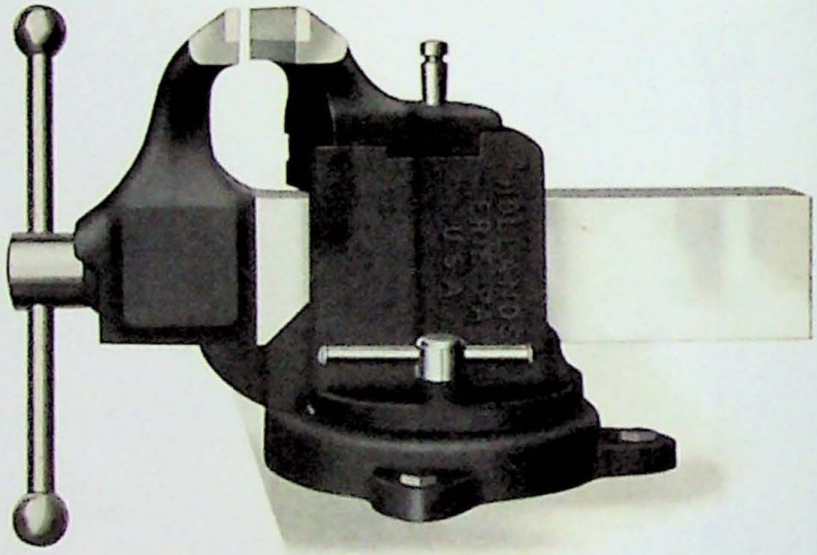
STATIONARY BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Depth Inches	Weight Pounds	List Price Each
153½	3½	5	3½	28	**$12.00**
154½	4½	7½	4¼	55	**16.50**

SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Depth Inches	Weight Pounds	List Price Each
253½	3½	5	3½	36	**$16.00**
254½	4½	7½	4¼	68	**20.00**

FILERS' SWIVEL JAW VISE



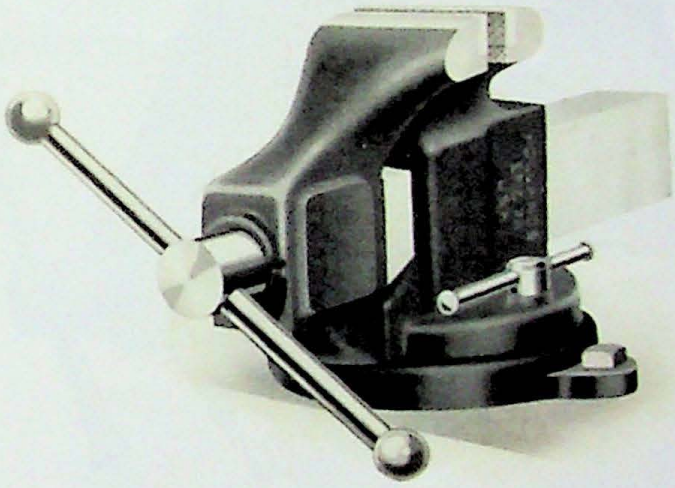
SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Depth Inches	Weight Pounds	List Price Each
454	4	5¾	4	60	**$24.00**
454½	4½	7	4¼	75	**28.00**

STATIONARY BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Depth Inches	Weight Pounds	List Price Each
354	4	5¾	4	55	**$20.00**
354½	4½	7	4¼	65	**24.00**

MACHINISTS' OFFSET JAW VISE

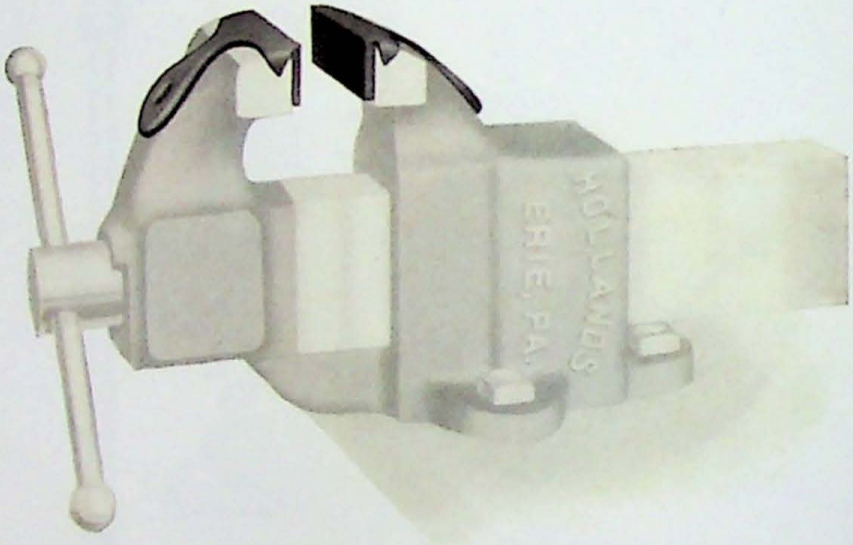


SWIVEL BASE—RIGHT OR LEFT HAND

4½ inch vise has 3¼ inch clearance on offset side of bar.
6 inch vise has 4¾ inch clearance on offset side of bar.

Vise No. R. H.	Vise No. L. H.	Width of Jaw Inches	Opens Inches	Weight Pounds	List Price Each
4½-R	4½-L	4½	7	85	**$22.00**
6 -R	6 -L	6	9	170	**54.00**

SOFT METAL JAWS

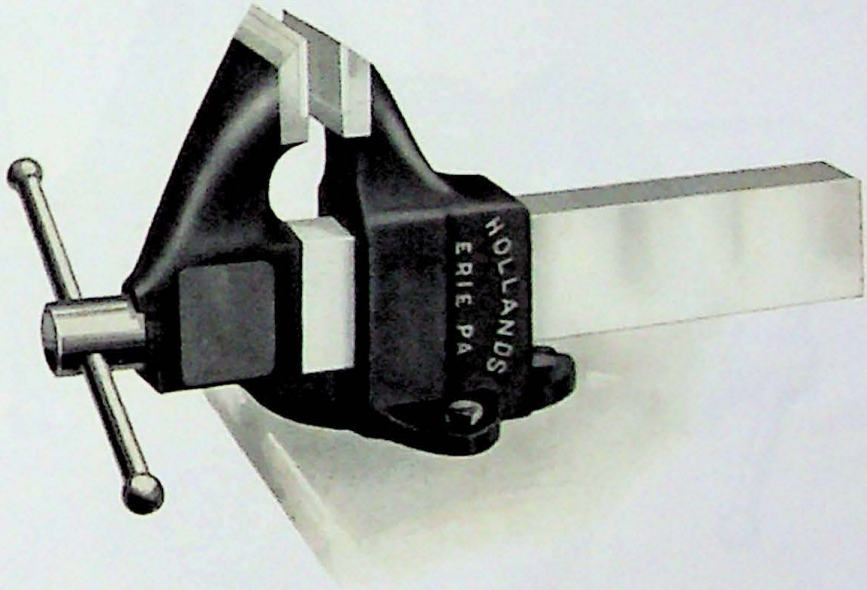


MADE IN COPPER, BRASS OR LEAD

These jaws are cast and are more durable than the ordinary sheet metal jaws commonly used.

Size Inches	List Price Lead Jaws	List Price Copper or Brass
3½	$0.80	$1.20
4	1.00	1.40
4½	1.20	1.60
5	1.50	2.00
5½	1.80	2.20
6	2.00	2.40
7	2.50	3.00

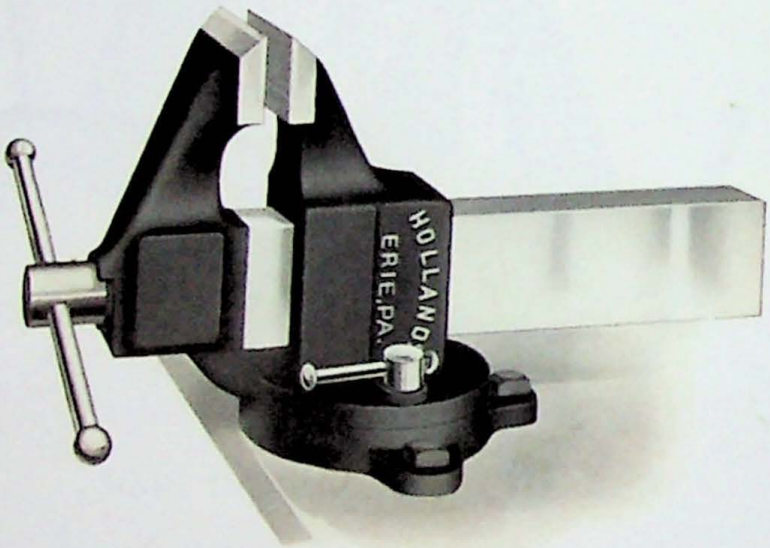
WOODWORKERS' VISE



STATIONARY BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Depth Inches	Weight Pounds	List Price Each
164	4	7	4½	42	**$15.00**
164¼	4¼	9	5⅛	48	**16.25**
164½	4½	11	5½	60	**17.50**

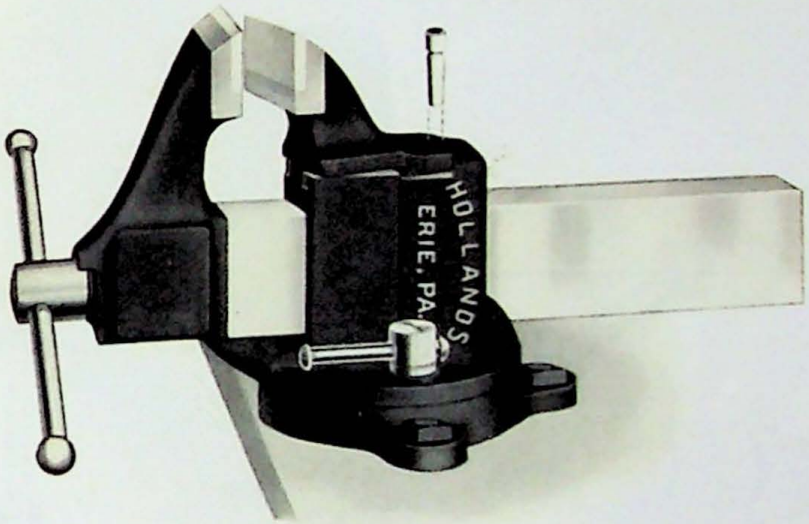
WOODWORKERS' VISE



SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Depth Inches	Weight Pounds	List Price Each
264	4	7	4½	50	**$20.00**
264¼	4¼	9	5⅛	56	**21.25**
264½	4½	11	5½	72	**22.50**

WOODWORKERS' SWIVEL JAW VISE



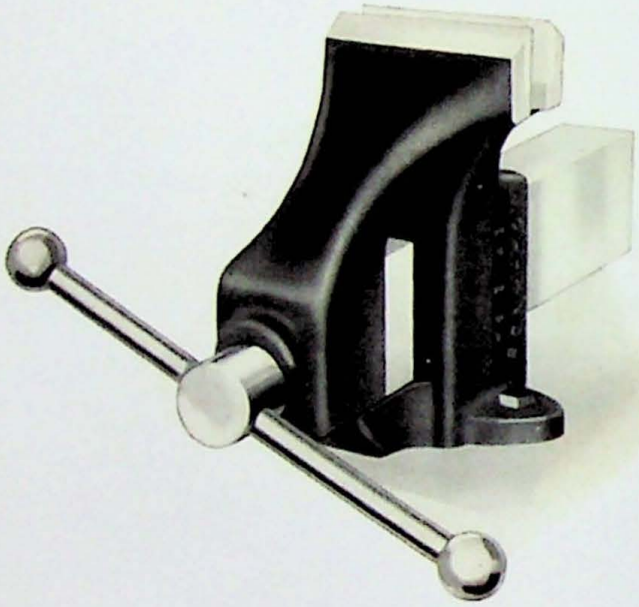
SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Weight Pounds	List Price Each
464½	4½	11	72	**$30.00**

STATIONARY BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Weight Pounds	List Price Each
364½	4½	11	60	**$25.00**

WOODWORKERS' OFFSET JAW VISE

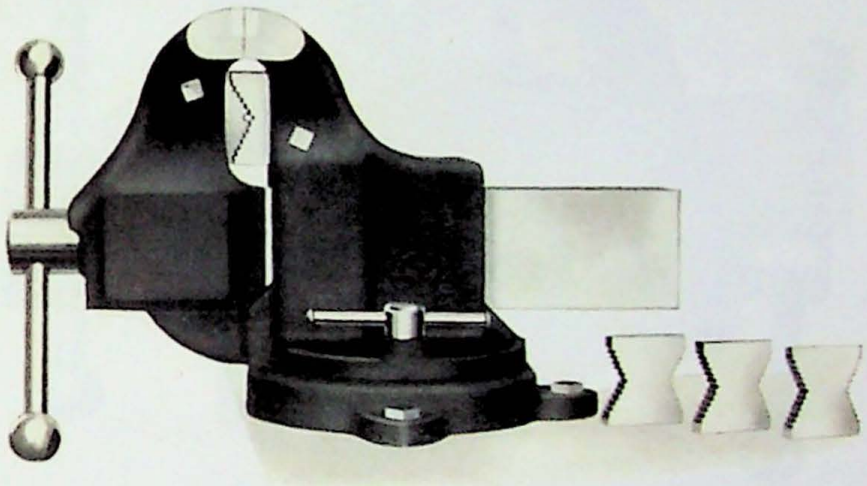


STATIONARY BASE TYPE

No. 94 has 3-inch clearance on offset side of bar.
No. 94½ has 3¼-inch clearance on offset side of bar.
Made in right hand offset only.

Vise No.	Width of Jaw Inches	Opens Inches	Weight Pounds	List Price Each
94	4	7½	42	**$16.00**
94½	4½	9	60	**18.00**

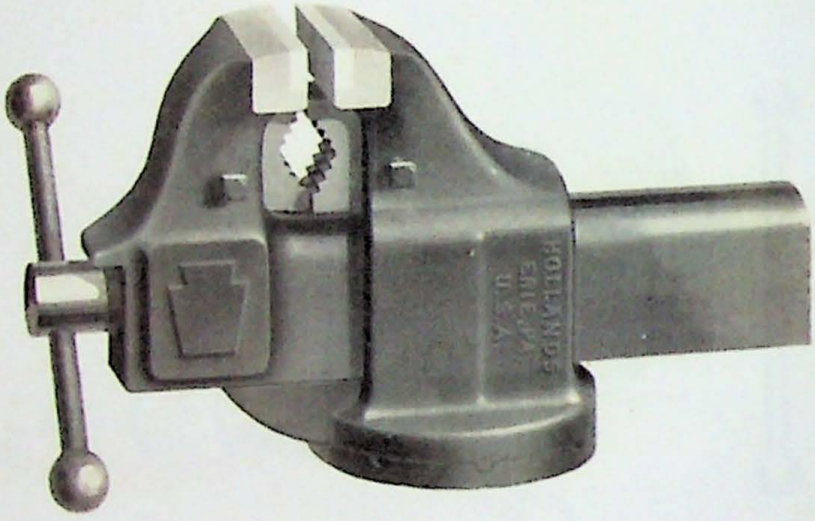
COMBINATION VISE



SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Holds Pipe Inches	Weight Pounds	List Price Each
52	3½	⅛ to 2½	55	**$16.00**
53	4¼	⅛ to 3½	82	**22.00**
54	5	⅛ to 4½	120	**32.00**
56	6	⅛ to 6	186	**45.00**

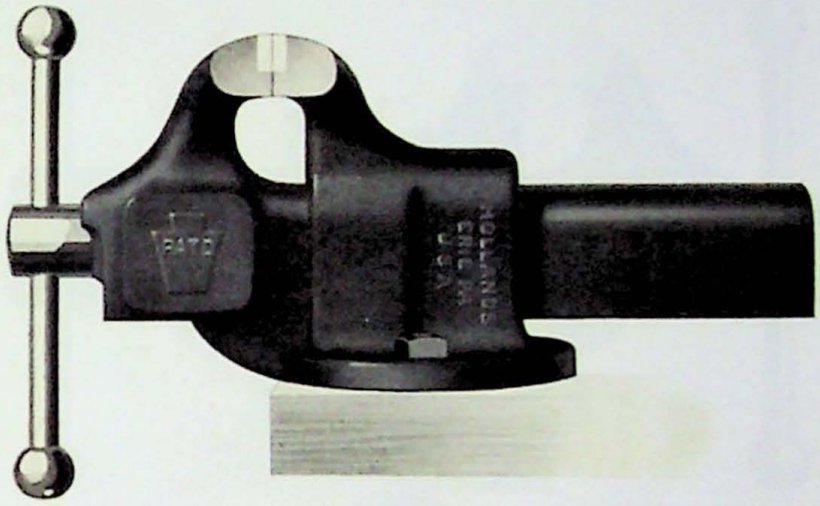
KEYSTONE COMBINATION VISE



SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Holds Pipe Inches	Weight Pounds	List Price Each
69	3	$\frac{1}{8}$ to $1\frac{1}{2}$	20	**$12.00**
70	$3\frac{1}{2}$	$\frac{1}{8}$ to 2	40	**16.00**
71	$4\frac{1}{4}$	$\frac{1}{8}$ to $3\frac{1}{2}$	64	**22.00**
72	5	$\frac{1}{8}$ to $4\frac{1}{2}$	106	**32.00**
73	6	$\frac{1}{4}$ to 6	148	**45.00**

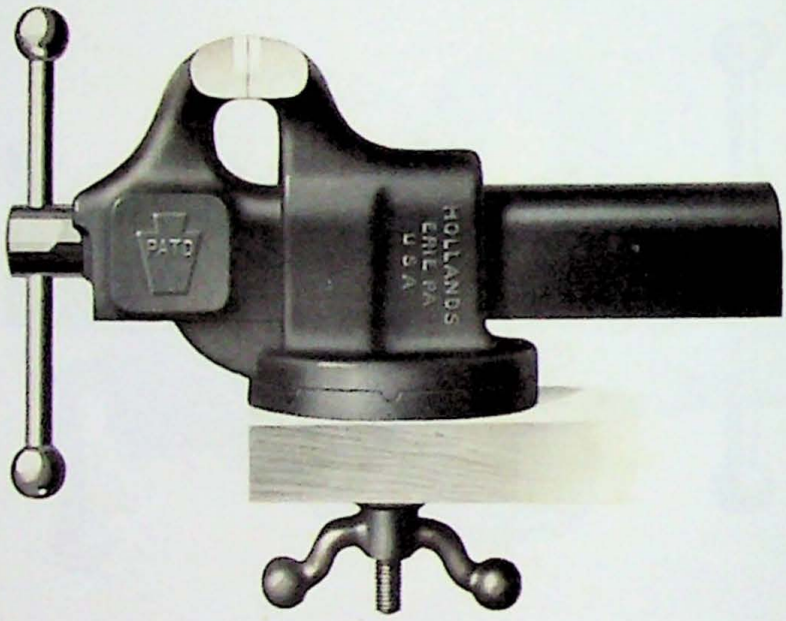
KEYSTONE BENCH VISE



STATIONARY BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Weight Pounds	List Price Each
B	2	3	6	$ 3.20
C	2½	3½	11	4.40
D	3	4	15	6.00
F	3½	5	22	7.20
G	4	6	32	8.80
H	4½	7	45	10.80
V	5	8	62	13.80
W	5½	9	76	18.00
X	6	10	90	24.00

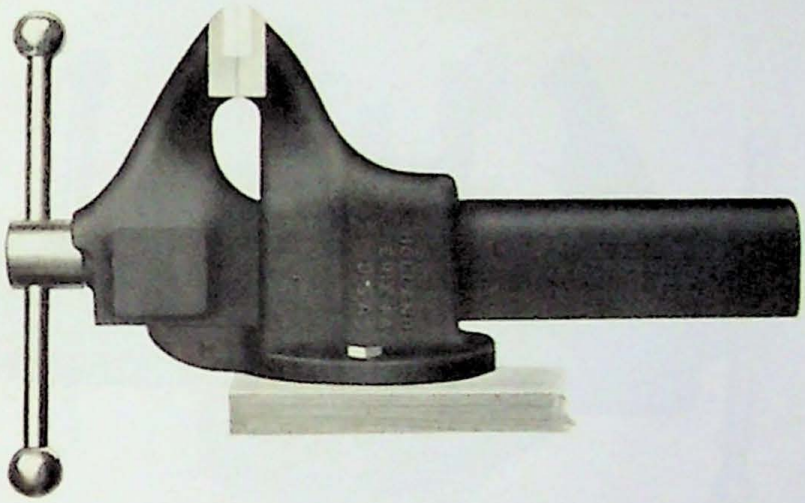
KEYSTONE BENCH VISE



SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Weight Pounds	List Price Each
BS	2	3	7	$ 4.00
CS	2½	3½	13	5.60
DS	3	4	17	7.20
FS	3½	5	25	8.80
GS	4	6	36	10.80
HS	4½	7	52	12.80
VS	5	8	72	16.80
WS	5½	9	88	22.00
XS	6	10	102	28.00

KEYSTONE WOODWORKERS' VISE



STATIONARY BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Weight Pounds	List Price Each
M	4	6	35	**$10.00**
N	4½	9	52	**12.80**

SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Weight Pounds	List Price Each
MS	4	6	40	**$12.00**
NS	4½	9	60	**16.00**

KEYSTONE WOODWORKERS' SWIVEL JAW VISE



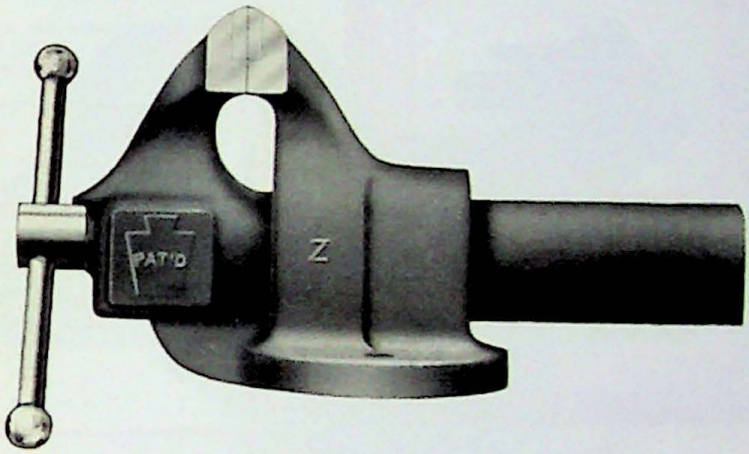
SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Weight Pounds	List Price Each
NNS	4½	9	68	**$22.00**

STATIONARY BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Weight Pounds	List Price Each
NN	4½	9	60	**$20.00**

KEYSTONE FILERS' VISE



STATIONARY BASE TYPE

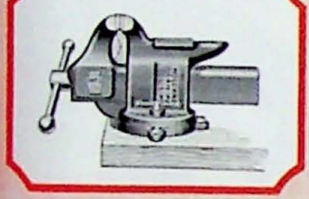
Vise No.	Width of Jaw Inches	Opens Inches	Weight Pounds	List Price Each
Z	4	6	35	**$10.00**

SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Weight Pounds	List Price Each
ZS	4	6	40	**$12.00**

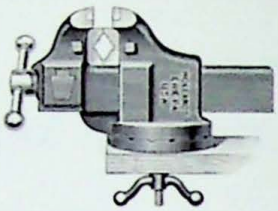
HOLLANDS VISES

KEYSTONE LINE



HOLLANDS

Keystone Combination Vises



A strong Combination Vise with removable pipe jaws. The pipe jaws are milled from steel bars and are removed by loosening the set screws.

Swivel Base Type

No.	Width of Jaw Inches	Holds Pipe Inches	Wt. Lbs.	List Price Each
69	3	⅛ to 1½	20	$10.00
70	3½	⅛ to 2	40	16.00
71	4¼	⅛ to 3½	64	22.00
72	5	⅛ to 4½	106	32.00
73	6	¼ to 6	148	45.00

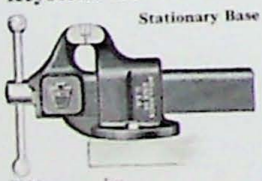
Stationary Base Type

No.	Width Jaw, Inches	Holds Pipe Inches	Weight Pounds	List Price Each
069	3	⅛ to 1½	18	$ 8.00
070	3½	⅛ to 2	32	14.00
071	4¼	⅛ to 3½	54	20.00
072	5	⅛ to 4½	90	30.00
073	6	¼ to 6	110	42.00

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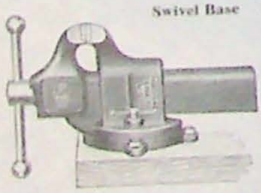
Keystone Bench Vises

Stationary Base



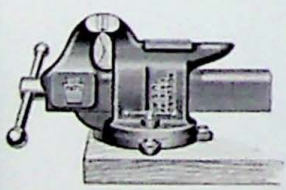
No.	Width of Jaw Inches	Jaw Opens Inches	Weight Pounds	Price Each
B	2	2½	6	$3.00
C	2½	3	9	4.00
D	3	3½	14	5.00
F	3½	4	20	6.40
G	4	6	30	8.80
H	4½	7	45	10.80
V	5	8	62	13.80
W	5½	9	75	18.00
X	6	10	90	24.00

Swivel Base



No.	Width of Jaw Inches	Jaw Opens Inches	Weight Pounds	Price Each
DS	3	3½	16	$6.00
FS	3½	4	24	8.00
GS	4	5	35	10.80
HS	4½	7	52	12.80
VS	5	8	75	16.80
WS	5½	9	88	22.00
XS	6	10	102	28.00

Keystone Anvil Vises



Swivel Base Type

An efficient, all-around mechanics vise for garage, plumber and workshop.

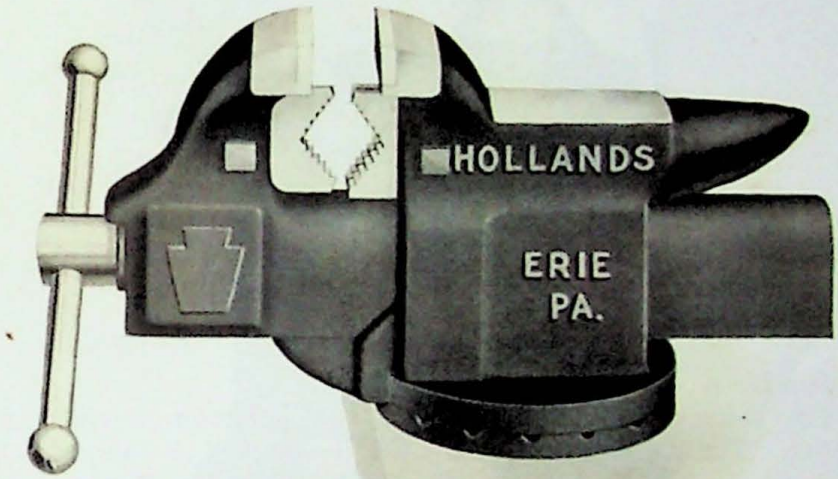
Removable steel Pipe Jaws, renewable malleable nut, protected steel screw with acme thread. Corrugated steel jaw faces.

No.	Width of Jaw Inches	Holds Pipe Inches	Weight Lbs.	Price Each
E3	3	⅛ to 1¼	12	$5.00
E3½	3½	⅛ to 1½	25	8.00
E4	4	⅛ to 2	45	14.00

Stationary Base Type

No.	Width of Jaw Inches	Holds Pipe Inches	Weight Lbs.	Price Each
OE3	3	⅛ to 1¼	10	$4.50
OE3½	3½	⅛ to 1½	22	7.00
OE4	4	⅛ to 2	40	12.00

KEYSTONE ANVIL VISE



SWIVEL BASE TYPE

Vise No.	Width of Jaw Inches	Holds Pipe Inches	Weight Pounds	List Price Each
K3	3	⅛ to 1½	25	**$12.50**
K3½	3½	⅛ to 2	45	**16.50**

STATIONARY BASE TYPE

Vise No.	Width of Jaw Inches	Holds Pipe Inches	Weight Pounds	List Price Each
OK3	3	⅛ to 1½	22	**$10.00**
OK3½	3½	⅛ to 2	40	**14.00**

DUPLEX VISE

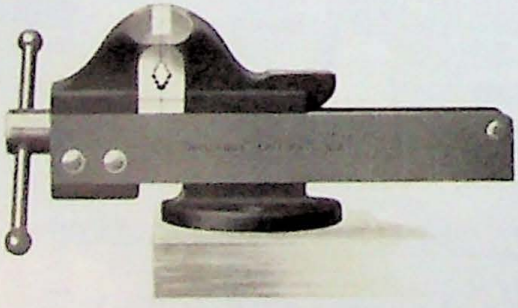


This is a new idea in Vise construction.

The Duplex steel sliding bar insures maximum strength and rigidity. The Body is finished in Blue Enamel and all steel parts are highly finished, making a very attractive Vise. The Pipe Jaws are removable. All parts are standardized and interchangeable.

SWIVEL BASE TYPE

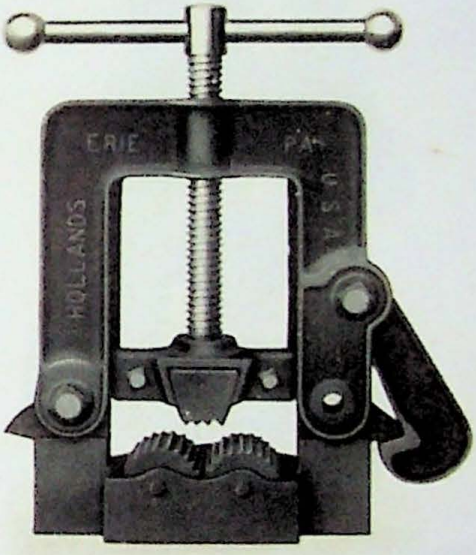
Vise No.	Width of Jaw Inches	Opens Inches	Pipe Capacity Inches	Weight Pounds	List Price Each
AS-3	3	3½	⅛ to 1¼	12	**$6.00**



STATIONARY BASE TYPE

Vise No.	Width of Jaw Inches	Opens Inches	Pipe Capacity Inches	Weight Pounds	List Price Each
A-3	3	3½	⅛ to 1¼	10	**$5.60**

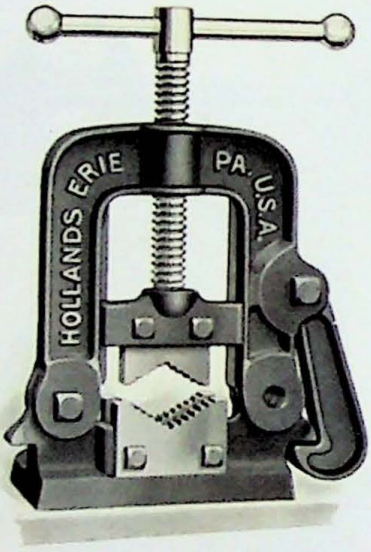
IMPROVED ROLLER JAW PIPE VISE



The roller jaw feature gives a much larger gripping surface than "V" jaws, and will not split the pipe.

Vise No.	Pipe Capacity Inches	Weight Pounds	List Price Each
R-2	⅛ to 2½	12	**$ 5.00**
R-3	¼ to 3	22	**7.50**
R-4	¾ to 4	30	**11.00**

MALLEABLE HINGED PIPE VISE



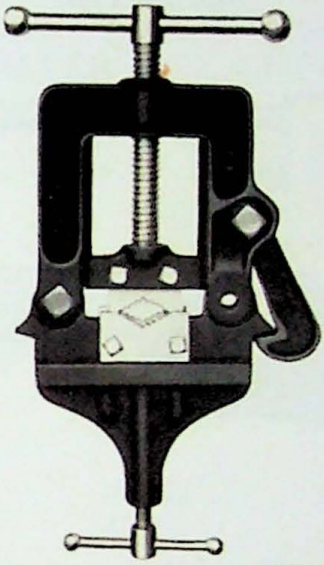
Screws are one-piece steel turned from solid bars and have acme thread, giving maximum strength and rapidity of action.

Pipe Jaws are tool steel milled from solid bars and oil tempered.

The base is flat with all bracing flanges underneath, making it convenient to use a wrench in fastening with lag screws or bolts.

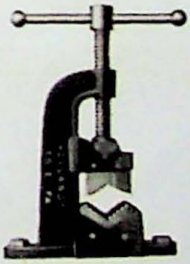
Vise No.	Pipe Capacity Inches	Weight Pounds	List Price Each
398	⅛ to 1¼	4	**$ 2.50**
399	⅛ to 1½	5	**3.60**
400	⅛ to 2	7	**4.25**
402	⅛ to 2½	12	**5.00**
403	⅛ to 3½	18	**7.50**
404	⅛ to 4½	30	**11.00**
406	⅛ to 6	55	**23.50**
408	1 to 8	80	**47.50**
412	1½ to 12	160	**70.00**

MALLEABLE HINGED PIPE VISE WITH CLAMP BASE



Vise No.	Pipe Capacity Inches	Weight Pounds	List Price Each
398-C	⅛ to 1¼	6	$3.50
399-C	⅛ to 1½	8	4.50
400-C	⅛ to 2	10	5.00
402-C	⅛ to 2½	14	6.50

OPEN SIDE MALLEABLE PIPE VISE

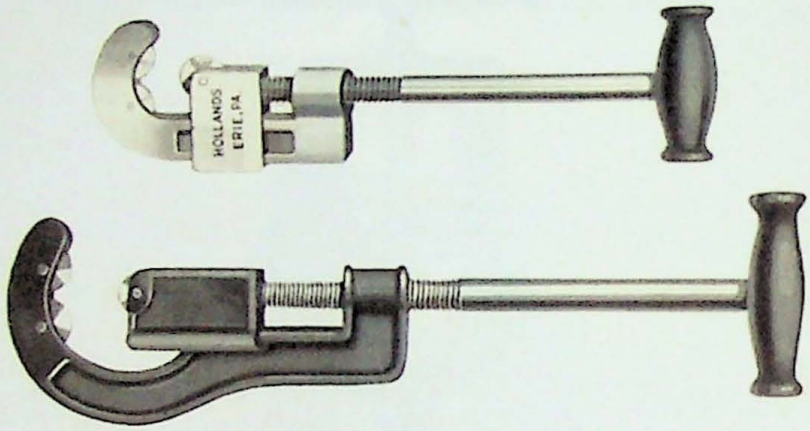


The open side feature gives this vise many advantages. Can be used either in upright or horizontal position, and can be fastened to wagon, side of building or post.

Vise No.	Pipe Capacity Inches	Weight Pounds	List Price Each
1½	⅛ to 2	12	$ 5.00
2½	⅛ to 4	24	10.00

THREE-WHEEL PIPE CUTTER

Barnes Type



Size No.	Cuts Pipe Inches	List Price Complete
0	1/8 to 3/4	$ 4.00
1	1/8 to 1	4.50
2	1/2 to 2	6.00
3	1 1/2 to 3	10.00
4	2 1/2 to 4	20.00
5	4 to 6	30.00
6	6 to 8	40.00
6 1/2	8 to 10	45.00
7	9 to 12	50.00

EXTRA PARTS FOR BARNES CUTTERS

Size No.	Wheels Each	Pins Dozen	Frame Each	Slides Each	Nut Each	Handle Each
0	$0.50	$1.00	$ 1.75	$ 0.75	$0.25	$ 1.00
1	.50	1.00	1.75	.75	.25	1.00
2	.60	1.00	2.60	1.00	.25	1.25
3	.80	1.00	4.55	2.00	Nut and	2.25
4	1.00	2.00	9.50	4.50	Hook	4.50
5	1.10	2.00	13.75	7.00	one-piece	7.00
6	1.10	2.00	20.00	8.50	in these	9.25
6 1/2	1.10	2.00	23.00	9.50	sizes	10.25
7	1.10	2.00	25.00	11.25		11.50

ROLLER PIPE CUTTER

Saunders Type

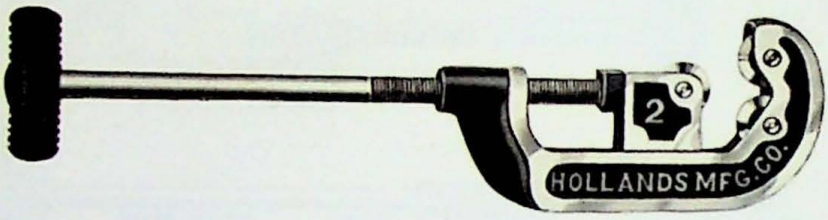


Size No.	Cuts Pipe Inches	List Price Complete
1	1/8 to 1	$ 3.00
2	1 to 2	4.50
3	2 to 3	11.00
4	2 1/2 to 4	18.00
5	4 to 6	28.00

EXTRA PARTS FOR SAUNDERS CUTTERS

Size No.	Wheels Each	Rollers Each	Pins Each	Block and Wheel Each	Handle Each
1	$0.50	$0.24	$0.10	$1.25	$1.00
2	.60	.32	.10	1.75	1.25
3	1.10	.50	.15	2.75	2.25
4	1.10	.50	.15	3.50	4.50
5	1.10	.60	.15	4.00	7.00

HOLLANDS PIPE CUTTER



The wheels and rollers are interchangeable. These cutters are convertible from three-wheel to roller type.

The wheels are thin blade type.

Extra strong cutter that will not bend out of alignment.

THREE-WHEEL TYPE		ROLLER TYPE		
Size No.	Cuts Pipe Inches	Size No.	Cuts Pipe Inches	List Price Each
1-W	⅛ to 1¼	1-R	⅛ to 1¼	$ 4.50
2-W	⅜ to 2	2-R	½ to 2	6.00
3-W	1 to 3½	3-R	1¼ to 3½	11.00
4-W	1 to 4	4-R	2 to 4	18.00
5-W	2½ to 6	5-R	2½ to 6	28.00

EXTRA PARTS FOR HOLLANDS CUTTERS

Size No.	Wheels Each	Rollers Each	Pins Each	Frame Each	Block Each	Handle Each
1	$0.50	$0.25	$0.10	$ 2.00	$1.50	$1.25
2	.60	.32	.10	2.50	2.00	1.75
3	1.10	.50	.15	5.00	4.00	3.00
4	1.10	.50	.15	9.00	6.00	4.00
5	1.10	.50	.15	12.00	9.00	8.00

THIN BLADE WHEELS, PINS, AND ROLLERS





HOLLANDS PIPE CUTTER PARTS

No.	SMOOTH EDGE OR KNURLED WHEELS Dia.	Thick	Hole	List Each	WHEEL PINS Dia.	Long	List Each	ROLLERS Dia.	Long	Hole	List Each	ROLLER PINS Dia.	Long	List Each
1	1 1/16	1/32	11/64	$0.50	1/4	1 1/2	$0.10	3/4	1/32	11/64	$0.25	1/4	1 1/2	$0.10
2	1 3/16	1/16	11/64	.60	3/8	1 5/8	.10	7/8	1/32	11/64	.32	3/8	1 5/8	.10
3	1 1/2	1/16	11/64	1.10	3/8	1 1/2	.15	1	1 1/16	11/64	.50	3/8	1 1/2	.15

SAUNDERS PIPE CUTTER PARTS

No.	SMOOTH EDGE OR KNURLED WHEELS Dia.	Thick	Hole	List Each	WHEEL PINS Dia.	Long	List Each	ROLLERS Dia.	Long	Hole	List Each	ROLLER PINS Dia.	Long	List Each
1	1 1/16	1/32	1/16	$0.50	11/64	1 1/16	$0.10	3/4	3/4	11/64	$0.24	1/4	1 1/16	$0.10
2	1 1/16	1/16	3/8	.60	11/64	2	.10	7/8	1/32	11/64	.32	3/8	2	.10
3	1 3/16	1/16	3/8	1.10	11/64	2 1/4	.15	1	1 1/16	11/64	.50	3/8	2 1/4	.15
4	1 1/4	1/16	3/8	1.10	11/64	2 3/8	.15	1	1 1/8	11/64	.50	3/8	2 3/8	.15
5	1 3/4	1/16	3/8	1.10	11/64	2 3/4	.15	1	1 1/16	11/64	.60	3/8	2 3/4	.15

BARNES PIPE CUTTER PARTS

No.	SMOOTH EDGE OR KNURLED WHEELS Diameter	Thick	Hole	List Each	PINS Diameter	Long	List Dozen
1	1 1/16	3/64	1/8	$0.50	11/64	1	$1.00
2	1 1/16	1/16	11/64	.60	1/4	1 1/4	1.00
3	1 3/16	3/32	11/64	.80	11/32	1 1/4	1.00
4	1 3/8	1/32	11/64	1.00	1/4	1 1/2	2.00
5	1 1/2	1/32	11/64	1.10	1/4	1 5/8	2.00
6	1 1/2	1/32	11/64	1.10	1/4	1 3/8	2.00
7	1 1/2	1/32	11/64	1.10	1/4	1 5/8	2.00

PARTS INTERCHANGEABLE WITH TRIMO PARTS

No.	SMOOTH EDGE OR KNURLED WHEELS Dia.	Thick	Hole	List Each	WHEEL PINS Dia.	Long	List Doz.	ROLLERS Dia.	Long	Hole	List Each	ROLLER PINS Dia.	Long	List Doz.
1	1 3/8	3/4	11/32	$0.60	11/32	1 1/4	$1.30	1 3/8	3/4	11/32	$0.30	11/32	1 1/4	$1.30
2	1 3/8	3/4	11/32	.60	11/32	1 1/4	1.30	1 3/8	3/4	11/32	.30	11/32	1 1/4	1.30
3	1 1/4	7/8	11/32	.90	11/32	1 3/4	1.30	1 1/4	7/8	11/32	.40	11/32	1 3/4	1.30

In the above tables the dimensions of pins are exact; the dimensions of the holes, however, are a few thousandths over the sizes given.

HOLLANDS ADJUSTABLE STOCKS AND DIES



Interchangeable with all standard makes. Each complete set packed in a strong fibre box.

Set No.	Threads Pipe Inches	Weight Pounds	List Price Set	Extra Dies Each	Extra Guides Each
1AH1	1/8, 1/4, 3/8, 1/2	5 1/2	$ 9.00	$1.60	$0.30
2AH1	1/4, 3/8, 1/2, 3/4, 1	12 1/4	12.00	2.00	.40
2AH2	1/8, 1/4, 3/8, 1/2, 3/4, 1	13 1/4	14.00	2.00	.40
2AH3	1/8, 1/4, 3/8, 1/2, 3/4	12 1/4	12.00	2.00	.40
2AH4	3/8, 1/2, 3/4, 1	11 1/4	10.00	2.00	.40
2AH5	1/2, 3/4, 1	10 1/4	8.00	2.00	.40
2AH6	1/2, 3/4	9 1/4	6.50	2.00	.40
2 1/2AH1	1/2, 3/4, 1, 1 1/4	15 1/2	14.00	1/8, 1/2 & 3/8	
2 1/2AH2	3/8, 1/2, 3/4, 1, 1 1/4	16 3/4	16.50	1/8, 1/2 & 3/8	
2 1/2AH3	1/4, 3/8, 1/2, 3/4, 1, 1 1/4	18 3/4	19.00	2.50	.60
2 1/2AH4	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1 1/4	20	21.50	1/2 to 1 1/2	
2 1/2AH5	1/2, 3/4, 1, 1 1/4, 1 1/2	16 1/4	16.50	2.25	
3AH1	1 1/4, 1 1/2, 2	24 1/2	18.00	4.50	.75
3AH2	1, 1 1/4, 1 1/2, 2	27 1/2	21.00	4.50	.75
3AH3	3/4, 1, 1 1/4, 1 1/2, 2	30 1/2	24.00	4.50	.75
3AH4	1/2, 3/4, 1, 1 1/4, 1 1/2, 2	34	27.00	4.50	.75

EXTRA PARTS

Size No.	Stock Only Each	Extra Handles Each	Extra Wrench Each	Extra Collar Screw	Extra Adjusting Screw
1AH	$3.25	$0.75	$0.20	$0.25	$0.20
2AH	4.00	1.25	.25	.30	.20
2 1/2AH	5.25	1.25	.25	.35	.35
3AH	7.00	2.50	.30	.50	.40

PIPE CUTTER WHEELS, PINS AND ROLLERS

HOLLANDS PIPE CUTTER PARTS

No.	WHEEL Dia.	Thick	Hole	List Doz.	WHEEL PINS Dia.	Long	List Doz.	ROLLERS Dia.	Long	Hole	List Doz.	ROLLER PINS Dia.	Long	List Doz.
1	1 1/8	1/2	11/32	$2.88	11/32	1 1/2	$1.20	3/4	1/2	11/32	$3.00	1/4	1 1/2	$1.20
2	1 3/8	1/4	11/32	3.84	11/32	1 5/8	1.80	7/8	1/2	11/32	3.84	5/16	1 5/8	1.20
3	1 1/4	11/32	11/32	6.00	3/8	1 11/16	1.80	1	1 1/16	11/32	6.00	3/8	1 11/16	1.80

SAUNDERS PIPE CUTTER PARTS

No.	WHEELS Dia.	Thick	Hole	List Doz.	WHEEL PINS Dia.	Long	List Doz.	ROLLERS Dia.	Long	Hole	List Doz.	ROLLER PINS Dia.	Long	List Doz.
1	1 1/8	1/2	1/4	$2.88	11/32	1 1/16	$1.20	3/4	3/4	11/32	$2.88	1/4	1 1/16	$1.20
2	1 1/8	1/4	3/8	3.84	11/32	2	1.20	7/8	1/2	11/32	3.84	3/8	2	1.20
3	1 3/4	11/32	3/8	7.20	11/32	2 1/4	1.80	1	1 1/16	11/32	6.00	3/8	2 1/4	1.80
4	1 3/4	11/32	3/8	7.20	11/32	2 3/4	1.80	1	1 1/16	11/32	6.00	3/8	2 3/8	1.80
5	1 3/4	11/32	3/8	7.20	11/32	2 3/4	1.80	1	1 1/16	11/32	7.20	3/8	2 3/4	1.80

BARNES PIPE CUTTER PARTS

No.	WHEELS Diameter	Thick	Hole	List Dozen	PINS Diameter	Long	List Dozen
1	1 1/8	3/4	3/8		11/32	1	$1.00
2	1 1/8	1/2	11/32		1/4	1 1/8	1.00
3	1 3/8	3/8	11/32		11/32	1 1/4	1.00
4	1 5/8	1/2	11/32		1/4	1 1/2	2.00
5	1 11/16	1/2	11/32		1/4	1 5/8	2.00
6	1 11/16	1/2	11/32		1/4	1 5/8	2.00
7	1 11/16	1/2	11/32		1/4	1 5/8	2.00

PARTS INTERCHANGEABLE WITH TRIMO PARTS

No.	WHEELS Dia.	Thick	Hole	List Doz.	WHEEL PINS Dia.	Long	List Doz.	ROLLERS Dia.	Long	Hole	List Doz.	ROLLER PINS Dia.	Long	List Doz.
1	1 1/8	3/4	11/32	$3.60	11/32	1 1/16	$1.00	1 1/8	3/4	11/32	$3.00	11/32	1 1/16	$1.00
2	1 1/8	3/4	11/32	3.60	11/32	1 1/16	1.00	1 1/8	3/4	11/32	3.60	11/32	1 1/16	1.00
3	1 1/16	7/8	11/32	4.80	11/32	1 3/4	1.00	1 1/16	7/8	11/32	6.00	11/32	1 3/4	1.00

In the above table the dimensions of pins are exact; the dimensions of the holes, however, are a few thousandths over the sizes given.

CANCELLED CANCELLED CANCELLED

HOLLANDS SOLID PIPE DIES



We were pioneers in placing on the market solid dies with inserted steel chasers.

This method enables us to furnish a much better quality of steel for the cutters than is used in the old style die.

In ordering, please specify if right or left-hand dies are required.

Right-hand dies will always be shipped unless left-hand are specified.

All dies made to Briggs standard gauges.

Whitworth or English Standard Dies will be furnished on request.

No.	Dimensions Inches	Pipe Size Inches	List Price Each
0	2 x2 x $\frac{1}{2}$	$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$	**$1.40**
1	2$\frac{1}{2}$x2$\frac{1}{2}$x $\frac{3}{4}$	$\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1	**1.60**
1$\frac{1}{2}$	3 x3 x $\frac{3}{4}$	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, 1$\frac{1}{4}$, 1$\frac{1}{2}$	**2.00**
2	4 x4 x $\frac{7}{8}$	$\frac{1}{2}$, $\frac{3}{4}$, 1, 1$\frac{1}{4}$, 1$\frac{1}{2}$, 2	**2.50**
3	5 x5 x1$\frac{1}{4}$	2$\frac{1}{2}$, 3	**9.00**

HOLLANDS MALLEABLE REVERSIBLE RATCHET STOCK AND SOLID DIES



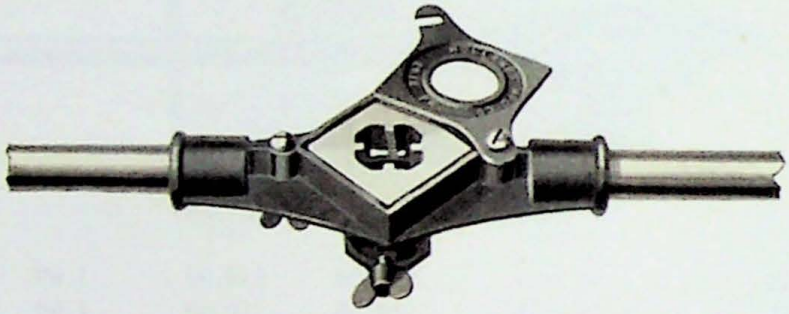
Set No.	Pipe Capacity Inches	List Price Set	Extra Stock Only	Extra Dies Each	Extra Guide Each
1R	¼ to 1	$17.00	$10.00	1.60	$0.40
1RA	⅛ to 1	18.50	10.00	1.60	.40
1RB	¼ to ¾	15.50	10.00	1.60	.40
1RC	½ to 1	14.00	10.00	1.60	.40
1½R	¼ to 1½	26.00	12.00	2.00	.60
1¾R	1 to 1½	18.00	12.00	2.00	.60
1¾RA	¼ to 1¼	24.00	12.00	2.00	.60
1¾RB	½ to 1¼	20.00	12.00	2.00	.60
2R	1¼ to 2	23.50	16.00	2.50	.75
2RA	1 to 2	26.00	16.00	2.50	.75
2RB	¾ to 2	28.50	16.00	2.50	.75
2RC	½ to 2	31.00	16.00	2.50	.75

EXTRA PARTS

Size No.	Die Housing	Inside Frame	Outside Frame	Handle Each	Handle Socket
1	$4.00	$2.00	$2.00	$0.60	$0.60
1½	4.50	2.50	2.50	.80	.80
2	6.00	3.50	3.50	1.00	1.00

Size No.	Lead Screw	Plate Each	Plate Screw	Latch Spring	Latch
1	$1.20	$0.50	$0.20	$0.50	$0.50
1½	1.60	.60	.30	.60	.60
2	2.00	.80	.40	.80	.80

HOLLANDS MALLEABLE PIPE STOCKS AND SOLID DIES



Size No. 0. Dimension of Dies, 2x2x1½ Inches

Any standard make of solid die of the same dimensions can be used in these stocks. The handles and plates are finished bright and the body black enamel.

The guides are machine finished.

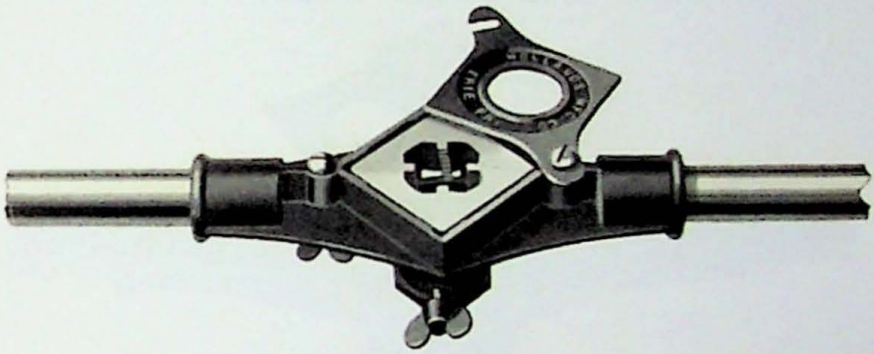
Each complete set is packed in a separate box.

For full description of dies see page 32.

LIST OF COMPLETE SETS AND EXTRA PARTS

Complete Set, Including Four Dies and Guides, ⅛ to ½ Inch.	**$8.00**
Complete Stock, Less Dies and Guides	**3.00**
Extra Dies, from ⅛ to ½ Inch, Each	**1.40**
Extra Guides, from ⅛ to ½ Inch, Each	**.30**
Extra Handles, Per Set	**.80**
Extra Plates	**.40**
Extra Screws	**.20**

HOLLANDS MALLEABLE PIPE STOCKS AND SOLID DIES



Size No. 1. Dimensions of Dies, $2\frac{1}{2}$x$2\frac{1}{2}$x$\frac{3}{4}$ Inches

Any standard make of solid die of the same dimensions can be used in these stock. The handles and plates are finished bright and the body black enamel.

The guides are machine finished. Stock acts as guide for 1-inch die.

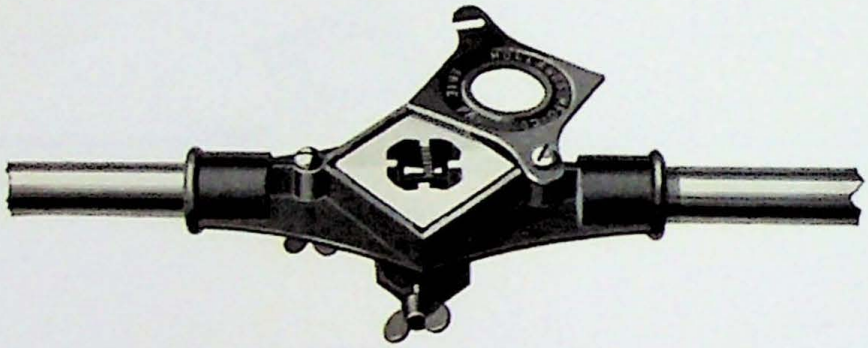
Each complete set is packed in a separate box.

For full description of dies see page 32.

LIST OF COMPLETE SETS AND EXTRA PARTS

Set No. 1, Including Five Dies and Guides, $\frac{1}{4}$ to 1 Inch.....	**$10.50**
Set No. 1A, Including Six Dies and Guides, $\frac{1}{8}$ to 1 Inch....	**12.00**
Set No. 1B, Including Four Dies and Guides, $\frac{1}{4}$ to $\frac{3}{4}$ Inch..	**9.00**
Set No. 1C, Including Three Dies and Guides, $\frac{1}{2}$ to 1 Inch..	**7.50**
Extra Stock Complete, Less Dies and Guides.....	**3.50**
Extra Dies, from $\frac{1}{8}$ to 1 Inch, Each.....	**1.60**
Extra Guides, from $\frac{1}{8}$ to $\frac{3}{4}$ Inch, Each.....	**.40**
Extra Frame for Using No. 0 Dies in No. 1 Stock.....	**.30**
Extra Handles, Per Set.....	**1.00**
Extra Plates.....	**.50**
Extra Screws.....	**.30**

HOLLANDS MALLEABLE PIPE STOCKS AND SOLID DIES



Size No. 1½. Dimension of Dies, 3x3x3¾ Inches

Any standard make of solid die of the same dimensions can be used in these stocks. The handles and plates are finished bright and the body black enamel.

The guides are machine finished. Stock acts as guide for 1½-inch die.

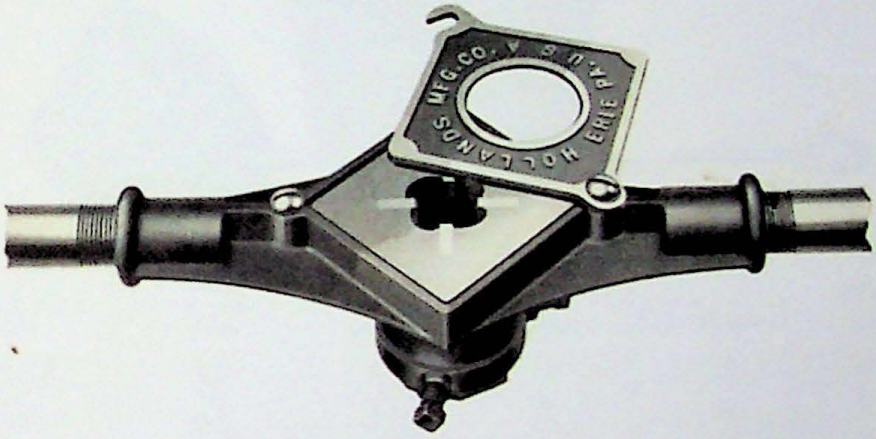
Each complete set is packed in a separate box.

For full description of dies see page 32.

LIST OF COMPLETE SETS AND EXTRA PARTS

Set No. 1½, Including Three Dies and Guides, ¾ to 1¼ In..	**$ 9.50**
Set No. 1¾, Including Three Dies and Guides, 1 to 1½ In...	**9.50**
Set No. 1¾A, Including Six Dies and Guides, ¼ to 1¼ In...	**15.50**
Set No. 1¾B, Including Four Dies and Guides, ½ to 1¼ In...	**11.50**
Extra Stock Complete, Less Dies and Guides.....	**4.00**
Extra Dies, from ¼ to 1½ Inches, Each.....	**2.00**
Extra Guides, from ¼ to 1¼ Inches, Each.....	**.60**
Extra Frame for Using No. 1 Dies in No. 1½ Stock.....	**.40**
Extra Handles, Per Set.....	**1.20**
Extra Plates.....	**.60**
Extra Screws.....	**.30**

HOLLANDS MALLEABLE PIPE STOCKS AND SOLID DIES



Any standard make of solid die of the same dimensions can be used in these stocks. The handles and plates are finished bright and the body black enamel.

The guides are machine finished. The lead screw acts as guide for the 2-inch die.

Each complete set is packed in a separate box.

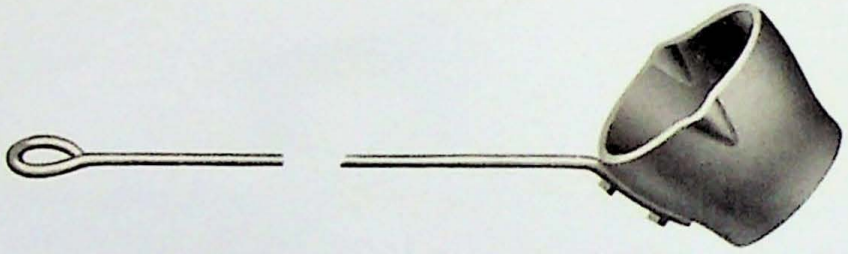
For full description of dies see page 32.

LIST OF COMPLETE SETS AND EXTRA PARTS

Set No. 2, Including Three Dies and Guides, 1¼ to 2 Inches	**$14.50**
Set No. 2A, Including Four Dies and Guides, 1 to 2 Inches	**17.00**
Set No. 2B, Including Five Dies and Guides, ¾ to 2 Inches	**19.50**
Set No. 2C, Including Six Dies and Guides, ½ to 2 Inches	**22.00**
Stocks Complete, Less Dies and Guides	**8.50**
Extra Dies, from ½ to 2 Inches, Each	**2.50**
Extra Guides, from ½ to 1½ Inches, Each	**.75**
Extra Lead Screw	**2.00**
Extra Die Frame for Using No. 1½ Dies in No. 2 Stock	**.50**
Extra Handles, Per Set	**1.50**
Extra Plates	**.80**
Extra Screws	**.40**

BABBITT LADLES

Cast bowl. Wrought iron handles.



Diameter Inches	CAPACITY Pounds	Quarts	Weight Pounds	Length Over All Inches	List Price Each
6	25	1	7	32	**$2.40**
8	50	2	12	45	**3.60**
10	100	4	20	52	**6.00**

PLUMBERS' MALLEABLE IRON LADLES

Double Lipped



Diameter Inches	Length Inches	Capacity Pounds	Weight Pounds per Doz.	List Price Per Dozen
2½	13	1	9	**$2.40**
3	13	1½	10	**3.00**
3½	15½	2½	14	**4.00**
4	16	3½	17	**4.80**
5	19	7	24	**6.00**
6	21	12	30	**7.20**

MELTING POTS

Cast bowl. Wrought iron handle



Diameter Inches	Depth Inches	Capacity Pounds	Weight Pounds	List Price Each
4	2 1/4	8	2	**$0.40**
5	2 3/4	10	2 1/2	**.50**
6	3 1/2	15	4	**.70**
7	3 3/4	20	5	**1.00**
8	4 1/4	35	6	**1.40**
9	5 1/4	45	10	**2.00**
10	5 3/4	70	15	**2.80**

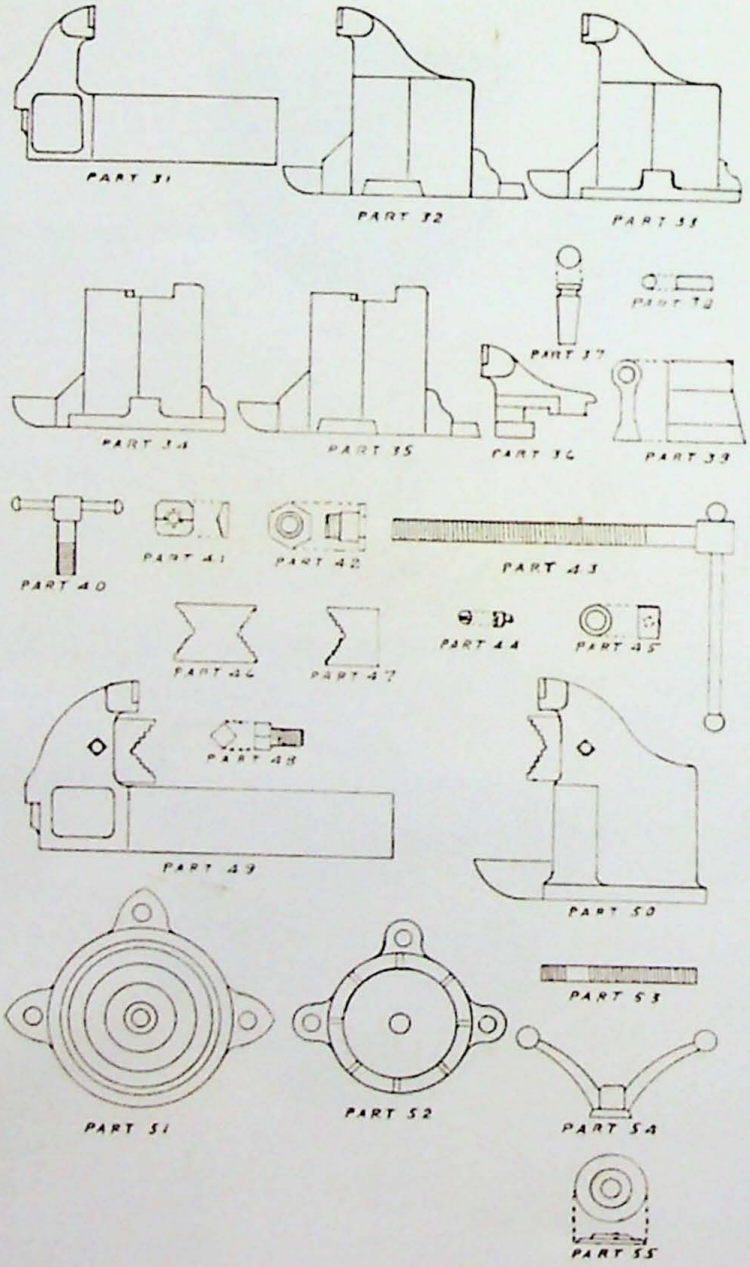
MELTING POTS

Cast bowl. Wrought iron handle. Equipped with pouring lip and tilting fixture.



Diameter Inches	Depth Inches	Capacity Pounds	Weight Pounds	List Price Each
12	7 1/2	135	24	**$4.20**
13 1/2	8	160	28	**5.40**
15	10	250	60	**9.00**

REPAIR PARTS FOR MACHINISTS', FILERS' AND WOODWORKERS' VISES



LIST OF PARTS FOR MACHINISTS', FILERS', WOODWORKERS', COMBINATION AND KEYSTONE BENCH VISES

No. of Part	Name of Part
31	Bar Jaw for Machinists' Vise.
32	Stationary Body Jaw.
33	Swivel Body Jaw.
34	Swivel Adjustable Body.
35	Stationary Adjustable Body.
36	Adjustable Jaw.
37	Adjustable Jaw Pin.
38	Nut Pin
39	Screw Nut
40	Swivel Lock Bolt.
41	Swivel Lock Nut.
42	Swivel Base Bolt.
43	Screw and Handle.
44	Screw Collar Set Screw.
45	Screw Collar.
46	Reversible Pipe Jaw.
47	Single Pipe Jaw.
48	Pipe Jaw Set Screw.
49	Bar Jaw for Combination Vise.
50	Body Jaw for Combination Vise.
51	Base Plate, Style M.
52	Base Plate, Style K.
53	Base Stud Bolt.
54	Wing Nut.
55	Base Washer.

In ordering, give name and number of part, also number of vise and width of jaw.

LIST PRICES FOR REPAIR PARTS FOR MACHINISTS', FILERS' AND WOOD-WORKERS' VISES.

Width of Jaw Inches	Bar Jaw Part 31	Body Jaw Parts 32 or 33	Adj. Body Parts 34 or 35	Adj. Jaw Part 36	Screw and Handle Part 43	Base Plate Part 51
2½	$ 4.50	$ 4.50	$ 5.00	$ 4.00	$ 1.75	$ 2.20
3	5.00	5.00	5.50	4.50	2.00	2.50
3½	5.60	5.60	6.00	5.00	2.60	3.00
4	6.40	6 40	7.00	5.50	3.00	4.00
4¼	7.00	7.00			4.00	4.80
4½	7.80	7.80	9.00	6.00	4.00	5.00
5	10.00	10.00	11.50	7.00	5.00	6.00
5½	15.00	15.00	15.00	8.00	6.50	7.00
6	19.50	19.50	21.00	9.50	8.00	8.00
7	27.50	27.50	27.50	12.00	10.00	10.00
8	37.50	37.50	37.50	15.00	12.00	14.00
9	45.00	45.00			14.00	16.00

Width of Jaw Inches	Screw Nut Part 39	Adj. Jaw Pin Part 37	Swivel Base Bolt Part 42	Screw Collar Part 45	Swivel Lock Bolt Part 40	Swivel Lock Nut Part 41	Nut Pin Part 38
2½	$0.50	$0.20	$0.30	$0.30	$0.40	$0.30	$0.10
3	.65	.30	.40	.30	.50	.40	.10
3½	.80	.30	.50	.30	.60	.40	.10
4	.90	.40	.60	.40	.70	.40	.15
4¼	1.20	.40	.70	.40	.80	.40	.15
4½	1.20	.40	.70	.40	.80	.40	.15
5	1.60	.50	.80	.50	1.00	.50	.15
5½	1.90	.60	.90	.60	1.00	.50	.15
6	2.25	.60	1.00	.70	1.20	.60	.20
7	3.00	.80	1.20	.80	1.60	.80	.20
8	3.75	.80	1.50	.90	2.00	.90	.20
9	4.50	1.00	1.60	1.00	2.40	1.00	.20

In ordering, give name and number designating part, also number of vise and width of jaw.

Subject to the same discount as complete vises.

LIST PRICES FOR REPAIR PARTS FOR COMBINATION VISES

Width of Jaw Inches	Bar Jaw Part 49	Body Jaw Part 50	Screw & Handle Part 43	Base Plate Part 51	Swivel Base Bolt Part 42	Swivel Lock Bolt Part 40	Swivel Lock Nut Part 41	Base Plate Part 52	Screw Nut Part 39
3	$ 4.00	$ 4.00	$2.00					$0.80	$0.80
3½	6.00	6.00	2.60	3.00	$0.50	$0.60	$0.40	1.00	1.00
4	7.00	7.00	3.00					1.50	1.20
4¼	8.00	8.00	4.00	4.80	.70	.80	.40	1.80	1.40
4½	9.00	9.00	4.00					2.00	1.50
5	12.00	12.00	5.00	6.00	.80	1.00	.50	2.50	1.75
6	16.00	16.00	8.00	8.00	1.00	1.20	.60	3.00	2.80

Width of Jaw Inches	Screw Collar Part 45	Base Stud Bolt Part 53	Base Washer Part 55	Base Wing Nut Part 54	Nut Pin Part 38	Pipe Jaw for Bar Part 46	Pipe Jaw for Body Parts 46 or 47	Set Screws Part 48
3	$0.20	$0.20	$0.20	$0.20	$0.10	$0.60	$1.00	$0.20
3½	.20	.30	.20	.25	.10	.80	1.60	.20
4	.25	.40	.30	.30	.10	1.00	2.00	.30
4¼	.25	.50	.30	.40	.10	1.20	2.20	.30
4½	.30	.60	.40	.50	.15	1.60	3.00	.30
5	.40	.80	.50	.60	.15	2.00	3.60	.40
6	.40	1.00	.60	1.00	.20	3.00	5.00	.60

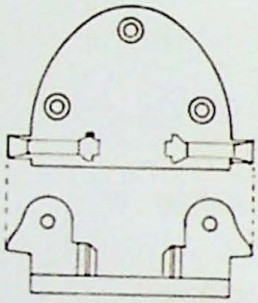
LIST PRICES FOR REPAIR PARTS FOR KEYSTONE BENCH VISES

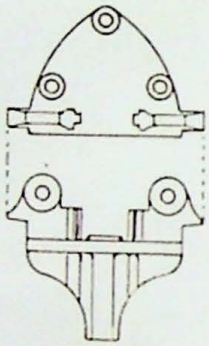
Width of Jaw Inches	Bar Jaw Part 31	Body Jaw Parts 32 or 33	Screw & Handle Part 43	Screw Nut Part 39	Screw Collar Part 45	Nut Pin Part 38	Base Plate Part 52	Base Stud Bolt Part 53	Base Washer Part 55
2	$ 1.60	$ 1.60	$0.80	$0.30	$0.20	$0.10	$0.30	$0.30	.20
2½	2.20	2.20	1.00	.40	.20	.10	.40	.40	.25
3	3.00	3.00	1.20	.50	.20	.10	.50	.40	.30
3½	3.60	3.60	1.50	.60	.20	.10	.60	.50	.35
4	4.40	4.40	1.80	.70	.25	.10	.70	.60	.40
4½	5.40	5.40	2.00	.80	.25	.15	.80	.70	.50
5	6.80	6.80	2.40	.90	.25	.15	1.00	.80	.60
5½	9.00	9.00	2.70	1.00	.25	.15	1.30	.90	.65
6	12.00	12.00	3.00	1.00	.30	.20	1.60	1.00	.70
6½	16.00	16.00	4.00	1.50	.40	.20			
8	32.00	32.00	8.00	2.00	.40	.20			

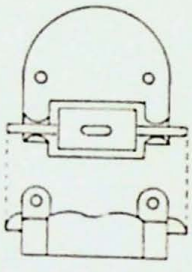
In ordering, give name and number designating part, also number of vise and width of jaw.

Subject to the same discount as complete vises.

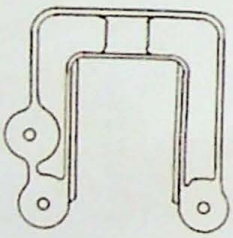
REPAIR PARTS FOR MALLEABLE PIPE VISES

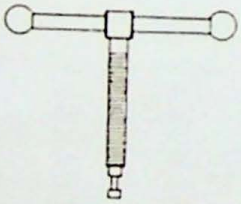

PART 60

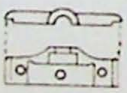

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PART 62

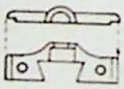

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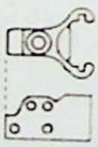

PART 64


PART 65


PART 66


PART 67


PART 68

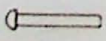

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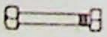

PART 70


PART 71

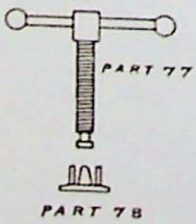

PART 72


PART 73


PART 74


PART 75


PART 76


PART 77

PART 78

REPAIR PARTS FOR MALLEABLE PIPE VISES

No. of Part	Name of Part
60	Base, Style V.
61	Base, Style C.
62	Base, Style R.
63	Latch.
64	Yoke
65	Screw and Handle.
66	Jaw Clamp, Style V.
67	Jaw Clamp, Style OR.
68	Jaw Clamp, Style R.
69	Jaw Clamp, Style S.
70	Roller Pipe Jaw.
71	Pipe Jaw, Style T.
72	Pipe Jaw, Style RT.
73	Pipe Jaw, Style B.
74	Roller Jaw Pin.
75	Jaw Bolt.
76	Latch Bolt.
77	Clamp Screw and Handle.
78	Clamp Screw Swivel Cap.

REPAIR PARTS FOR MALLEABLE PIPE VISES

Vise No.	Yoke Part 64	Base Parts 60 61 or 62	Screw & Handle Part 65	Latch Part 63	Jaw Clamp Parts 66, 67, 68 or 69	Pipe Jaws Set of 3 Parts 70 71, 72, 73	Bolts & Rivets Parts 75 or 76	Clamp Screw and Handle Part 77
398	$ 0.60	$ 0.95	$ 0.70	$0.25	$0.25	$1.20	$0.10	
399	.90	1.40	1.00	.25	.25	1.40	.10	
400	1.00	1.60	1.20	.30	.25	1.75	.10	
402	1.20	1.90	1.40	.35	.30	1.75	.20	
403	1.80	2.80	2.20	.50	.45	2.50	.30	
404	2.65	4.20	3.00	.75	.65	3.50	.40	
406	5.75	9.00	6.60	1.60	1.20	6.00	.60	
408	11.50	18.00	13.00	3.30	2.80	8.50	.80	
412	17.00	26.50	19.50	5.00	4.20	13.50	1.00	
R-2	1.60	1.60	1.60	.30	.20	1.80	.10	
R-3	2.00	2.00	2.40	.40	.30	2.40	.20	
R-4	3.00	3.00	3.60	.50	.40	3.20	.40	
1½	3.00		1.80		1.00	1.80	.10	
2½	6.00		3.60		1.60	3.60	.20	
398-C	.60	1.85	.70	.25	.25	1.20	.10	$0.70
399-C	.90	2.40	1.00	.25	.25	1.40	.10	.90
400-C	1.00	2.65	1.20	.30	.25	1.75	.10	1.10
402-C	1.20	3.40	1.40	.35	.30	1.75	.20	1.30

In ordering, give name and number designating part, also number of vise.

Subject to the same discount as complete vises.

DISCONTINUED NUMBERS—NOT SHOWN IN CATALOG

Width of Jaw Inches	Machinists' Solid Jaw Vises	Machinists' Swivel Jaw Vises	Filers' Vises	Woodworkers' Vises
2½	3½–8½–4–2	606–612		
3	5–10–6–12			
3½	15–20–16–22	315–320–615–620–616–622	215–220–216–222	
4	25–30–26–32	325–330–625–630–626–632		080–81–090–91
4½	35–40–36–42	635–640–636–642	235–240–236–244–242–246–248	80–82–83–90 84–85–86–93
5	45–50–46–52	345–350–645–650–646–652		
5½	49–54	649–654		
6	55–60–56–62	655–660–656–662		
7	59–70	659–670		
8	66			

Width of Jaw Inches	Pipe Capacity Inches	Combination Pipe Vises	Malleable Hinged Pipe Vises
3½	⅛ to 2	100–101–102	1–00–X–R
4	⅛ to 2½	123–113	400–R.L.
4	⅛ to 3	103–104–105	
4¼	⅛ to 3	103¼–104¼	
4½	⅛ to 3½	127–115–117	
	¼ to 3		RR–RRL–O
5	⅛ to 4	106–107	
5	⅛ to 4½	110–111–128	
	⅜ to 4		000–XX–SL3
	½ to 4		S–415
6	⅛ to 6	109–129–114	
	1½ to 6		2
	2 to 6		T
	6 to 12		U

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